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**Azeotropic or quasi-azeotropic composition useful for the cleaning or drying of solid surfaces and for the removal of solder flux, comprises azeotropes of n-perfluorobutyl-ethylene and 1,1,1,3,3-pentafluorobutane**

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Abstract (Basic): WO 200325109 A1

NOVELTY - Azeotropic or quasi-azeotropic composition comprises:

- (1) n-perfluorobutyl-ethylene (1 - 99%, preferably 1 - 80%); and
- (2) 1,1,1,3,3-pentafluorobutane (HFC 365mfc) (1 - 99%, preferably 20 - 99%), as a replacement for 1,1,2-trichloro-1,2,2-trifluoroethane (F113) which is now prohibited along with all CFC compounds.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for the use of the composition.

USE - The compositions are useful for the cleaning or drying of

solid surfaces and for the remove of solder flux. The compositions can be applied by use of a unit adapted for cleaning purposes or by aerosol application. They can also be used as blowing agents for polyurethane foam plastics, dry cleaning agents for fabrics and as refrigerant fluids.

**ADVANTAGE** - The compositions can be prepared by simple mixing of the constituents. They are very efficient in the cleaning and de-greasing of solid surfaces and also for drying and de-watering, and are non-flammable.

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